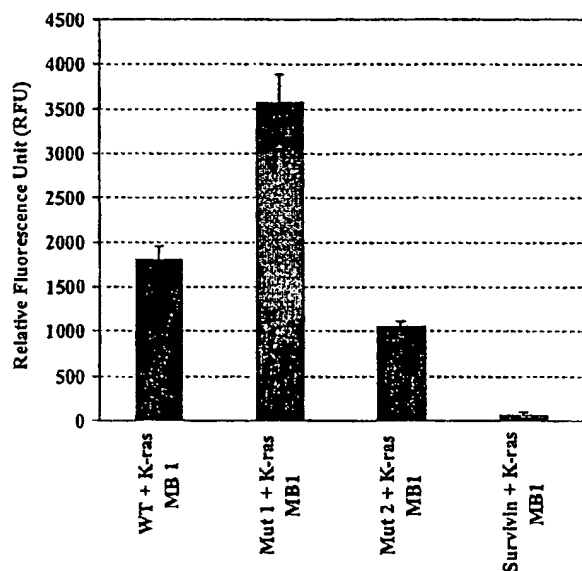


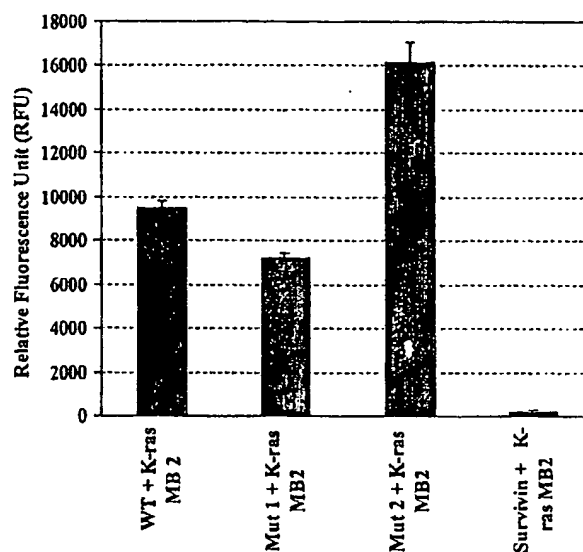
**A. K-ras MB 1 targeting a GGT to GAT specifically binds to the Mut 1 (GAT) DNA target.**



Student's t-test: Mut 1 vs WT  $P=0.001$ ;

Mut 1 vs Mut 2:  $p=3.9E-06$

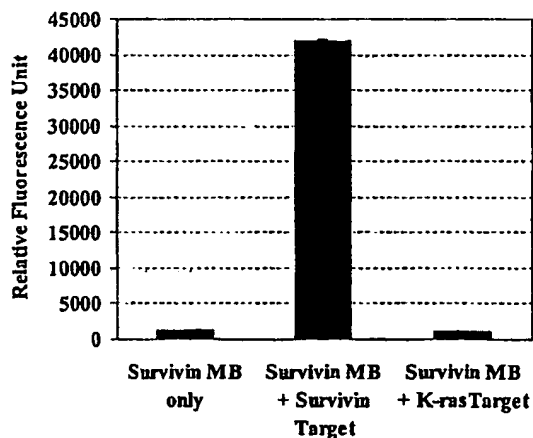
**B. K-ras MB 2 targeting a GGT to GTT specifically binds to the Mut 2 (GTT) DNA target.**



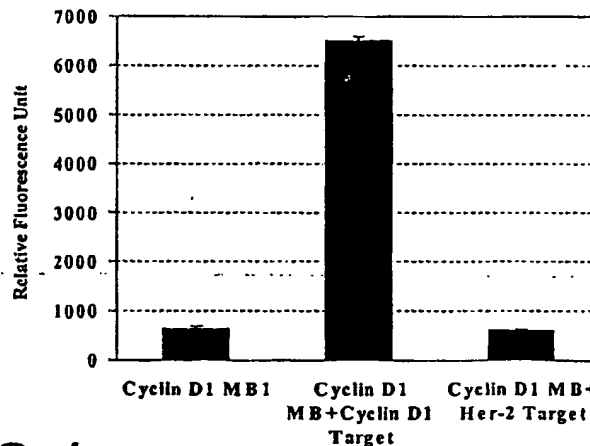
Student's t-test: Mut 2 vs WT  $P=7.5E-06$ ;

Mut 2 vs Mut 1:  $p=1.1E-06$

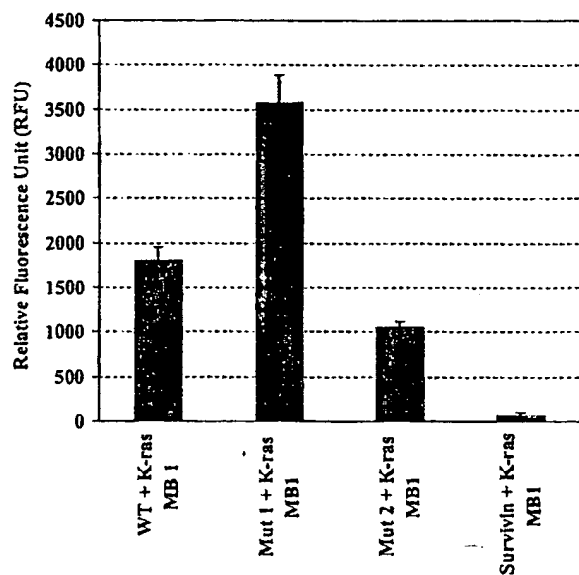
**C. Detection of specific binding of survivin MB to its DNA targets *in vitro***



**D. Detection of specific binding of cyclin D1 MB to its DNA targets *in vitro***

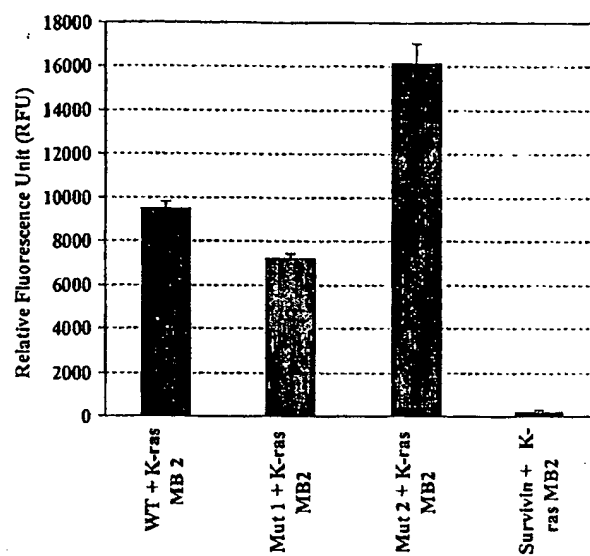


**FIG. 1**



Student's t-test: Mut 1 vs WT  $P=0.001$ ;

Mut 1 vs Mut 2:  $p=3.9E-06$



Student's t-test: Mut 2 vs WT  $P=7.5E-06$ ;

Mut 2 vs Mut 1:  $p=1.1E-06$

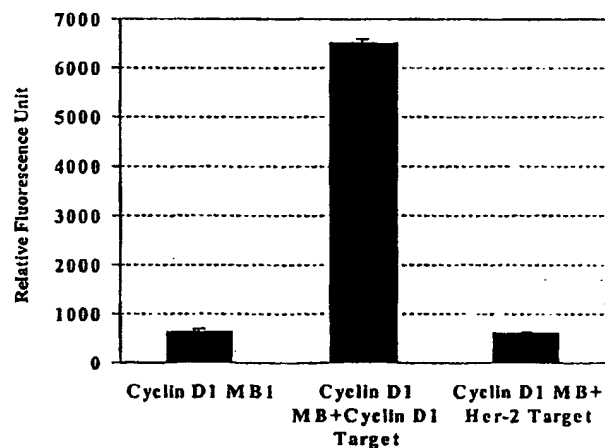
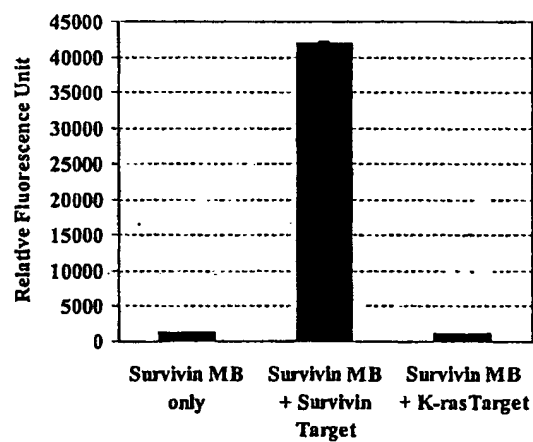


FIG. 2

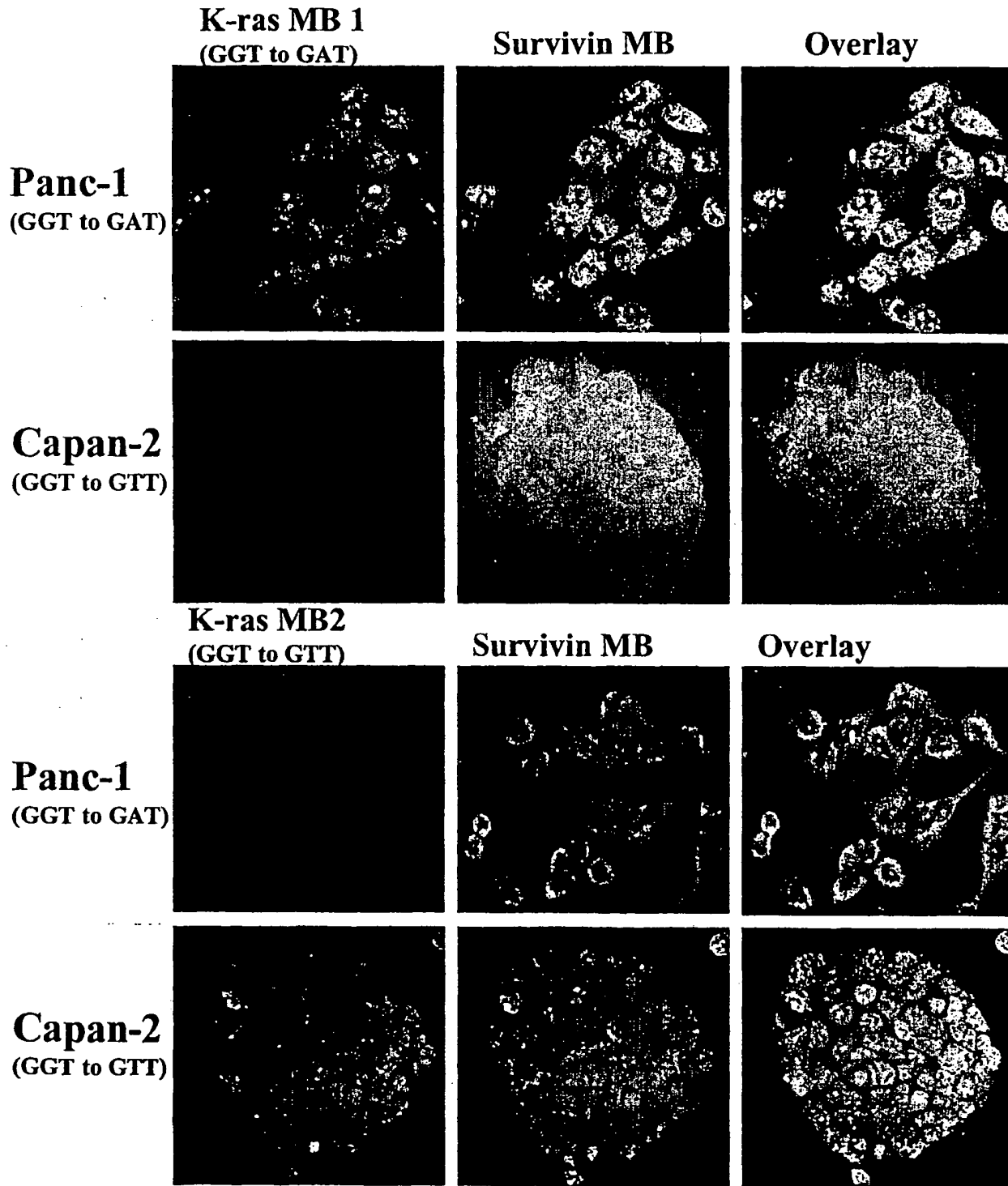


FIG. 3A

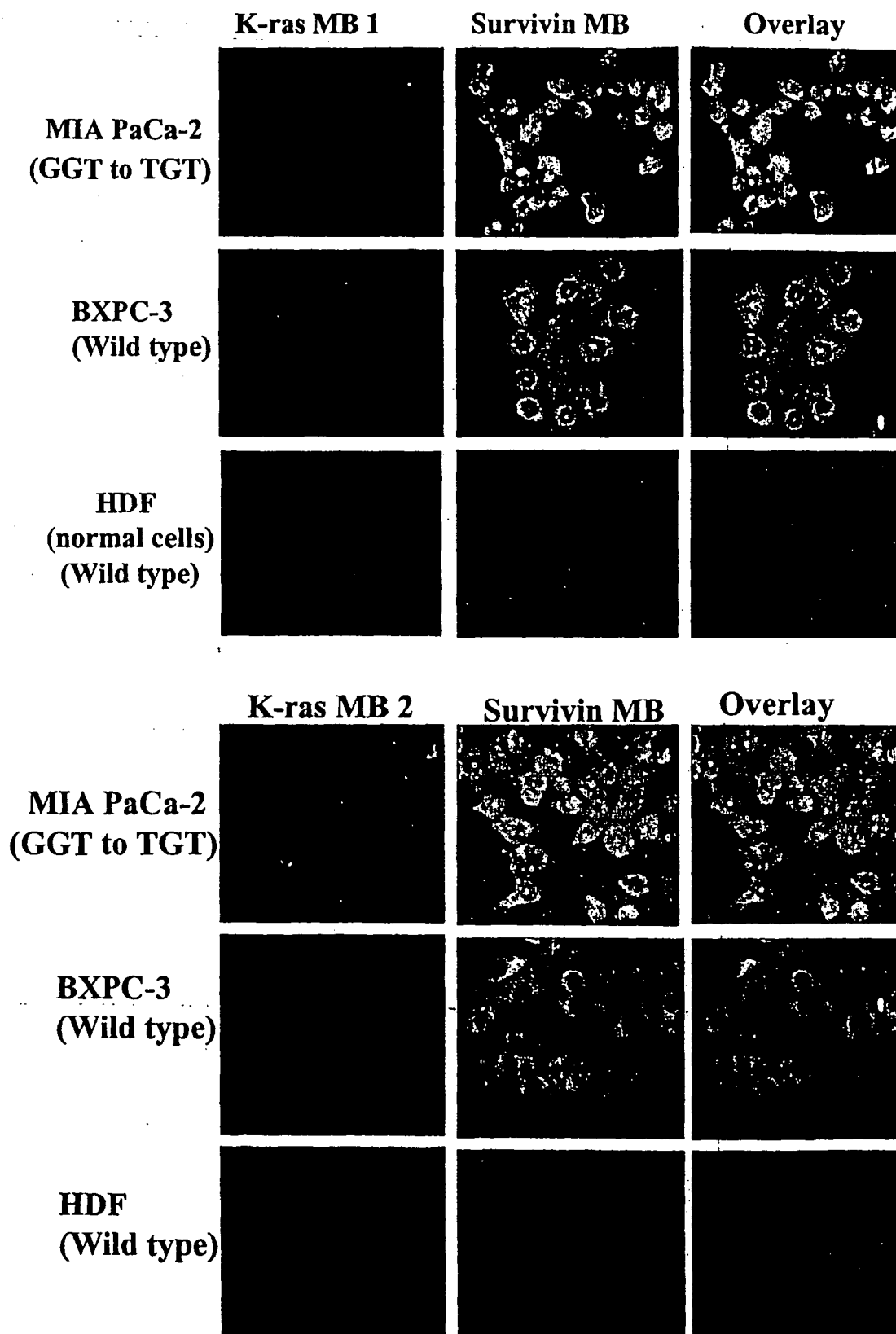
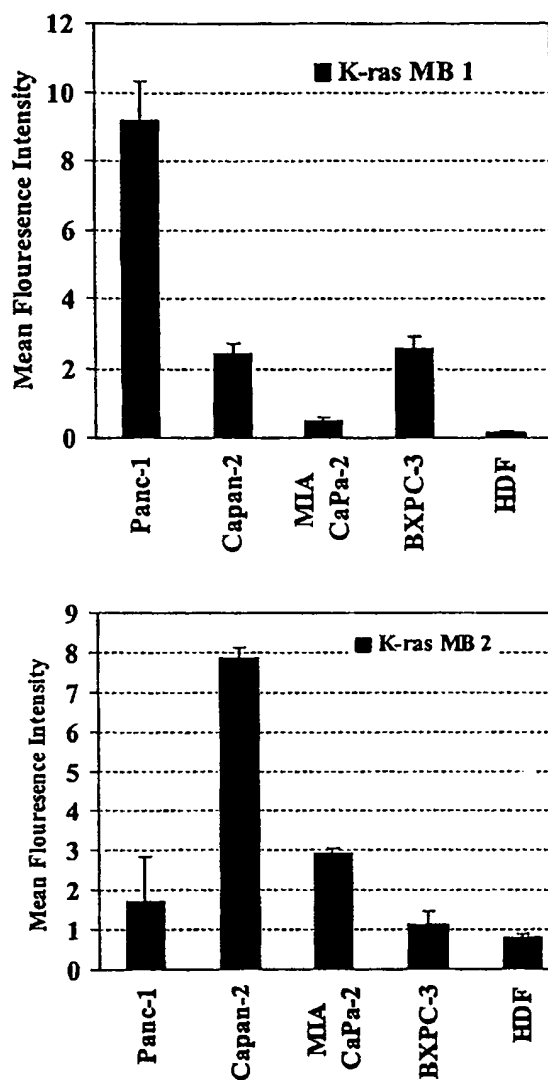


FIG. 3B



K-ras mutations: GAT GTT TGT No No

K-ras MB1: GGT to GAT; K-ras MB2: GGT to GTT

	p-value	Fold increases
Panc-1 MB1 vs MB2	1.5E-06	5.3
Capan-2 MB2 vs Capan-2 MB 1	0.0001	3.2
Panc-1MB1 vs Capan-2 MB 1	6.9E-06	3.8
Capan-2 MB 2 vs panc-1 MB2	0.0004	4.6
Panc-1 MB1 vs MIA PaCa-2 MB1	6.6E-07	18.8
Capan-2 MB2 vs MIA PaCa-2 MB2	0.0004	2.7
Panc-1 MB1 vs BXPC-3 MB1	4.6E-06	3.7
BXPC-3 MB2 vs Capan-2 MB2	0.0002	7.0
HDF MB 1 vs Panc-1 MB1	4.6E-07	67.6
HDF MB2 vs Capan-2 MB2	8.3E-06	18.0

**FIG. 3C**

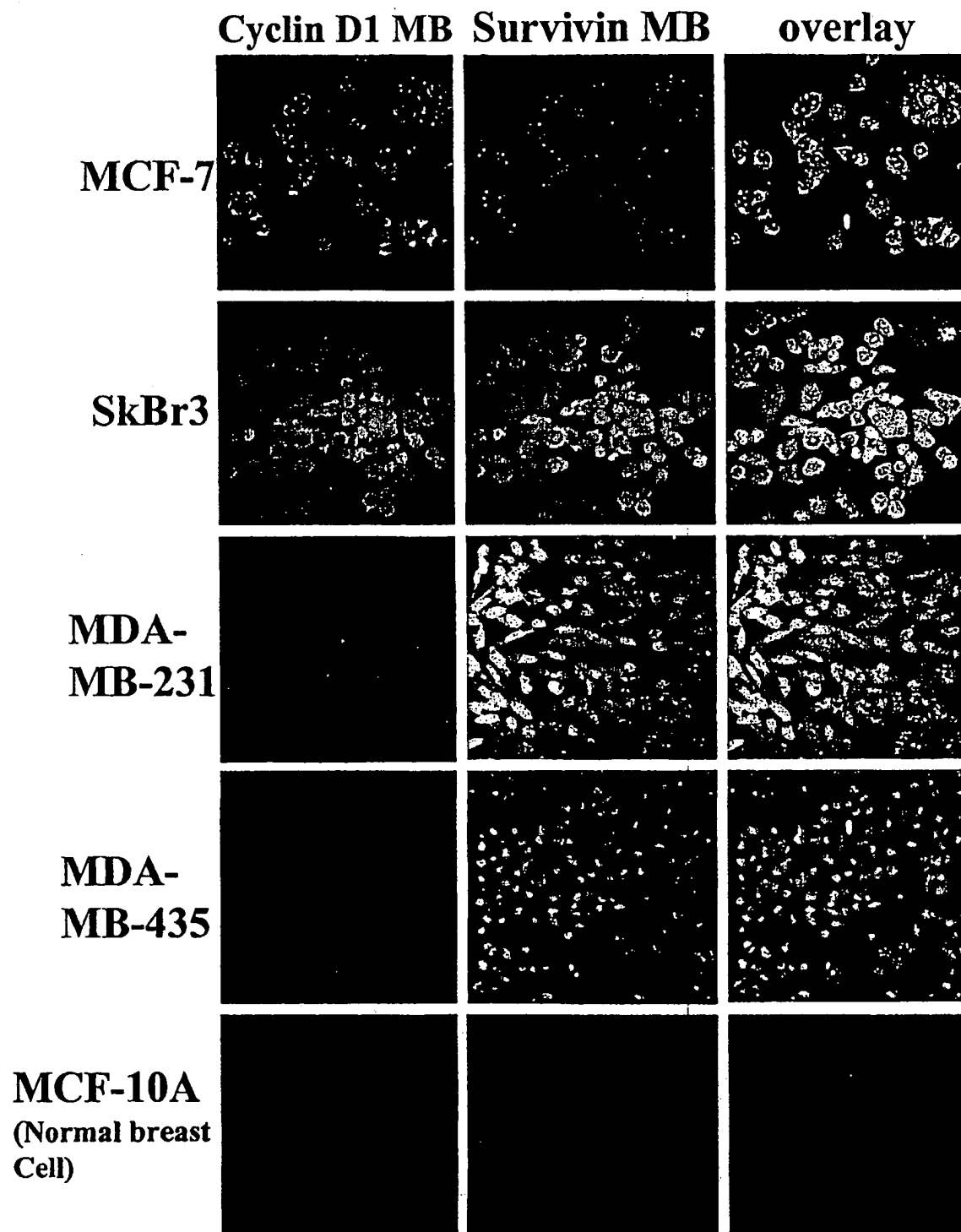


FIG. 4A

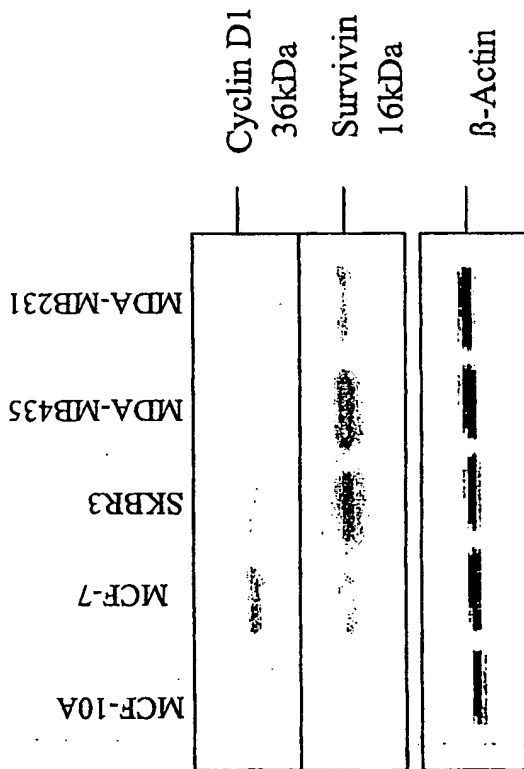


FIG. 4B

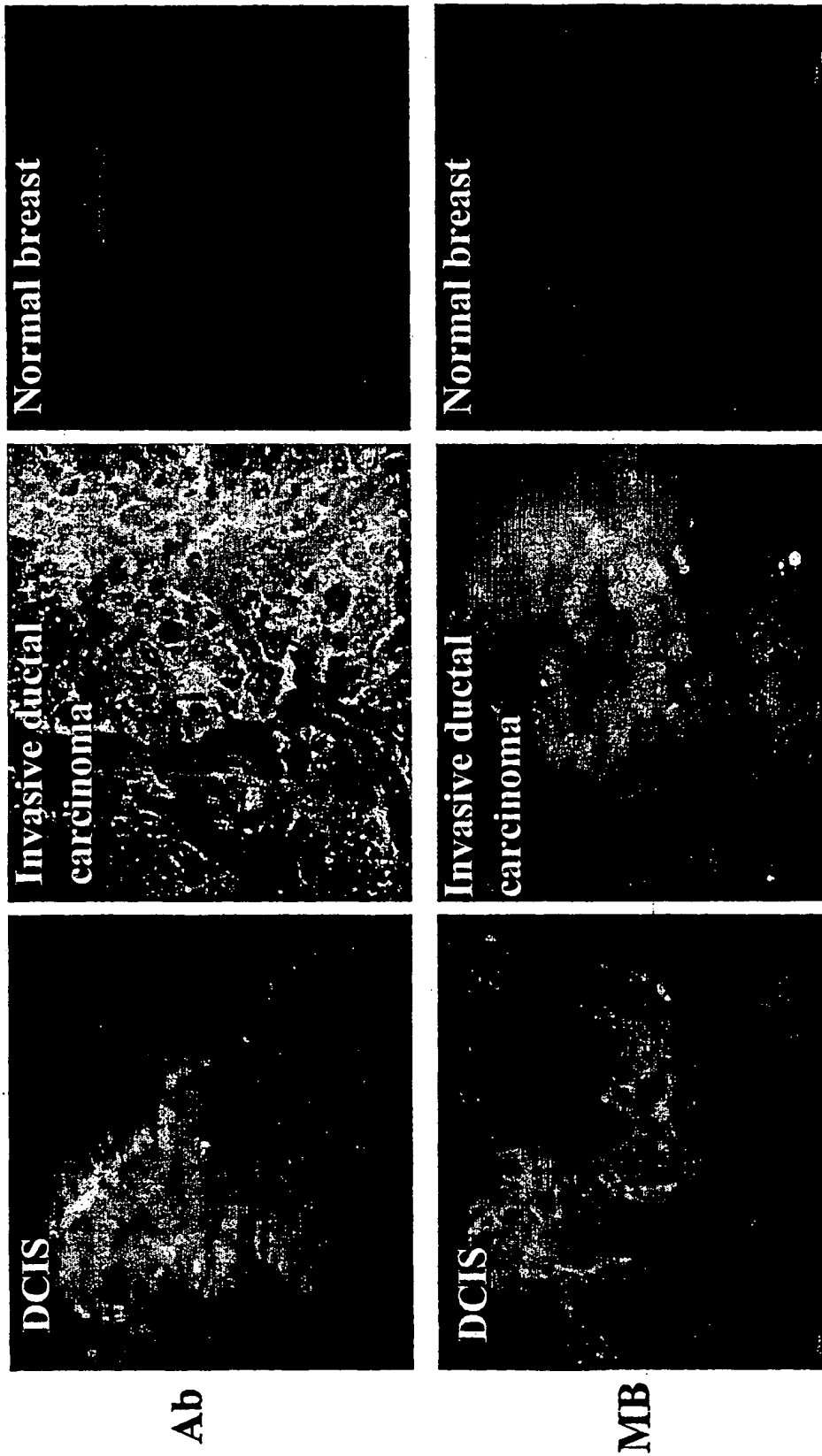


FIG. 5A



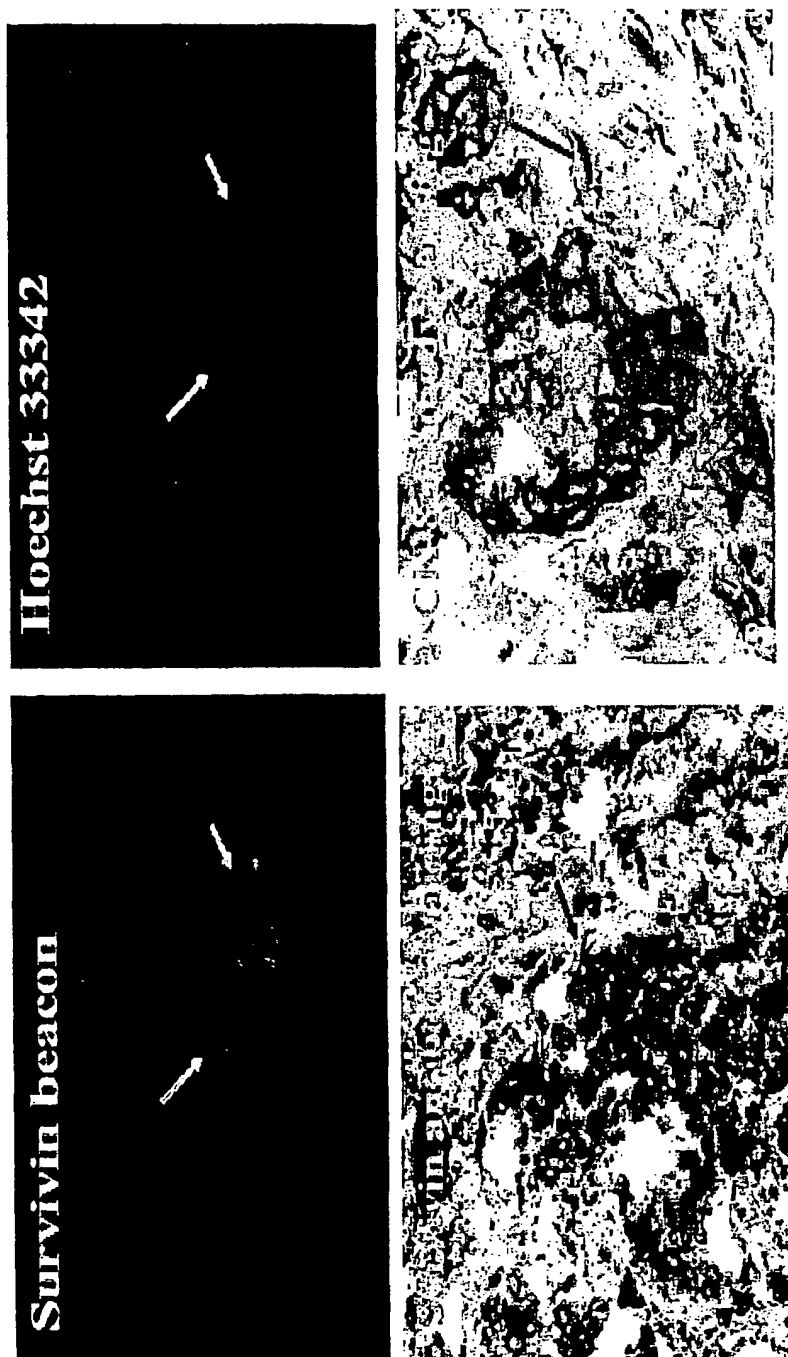


FIG. 5B

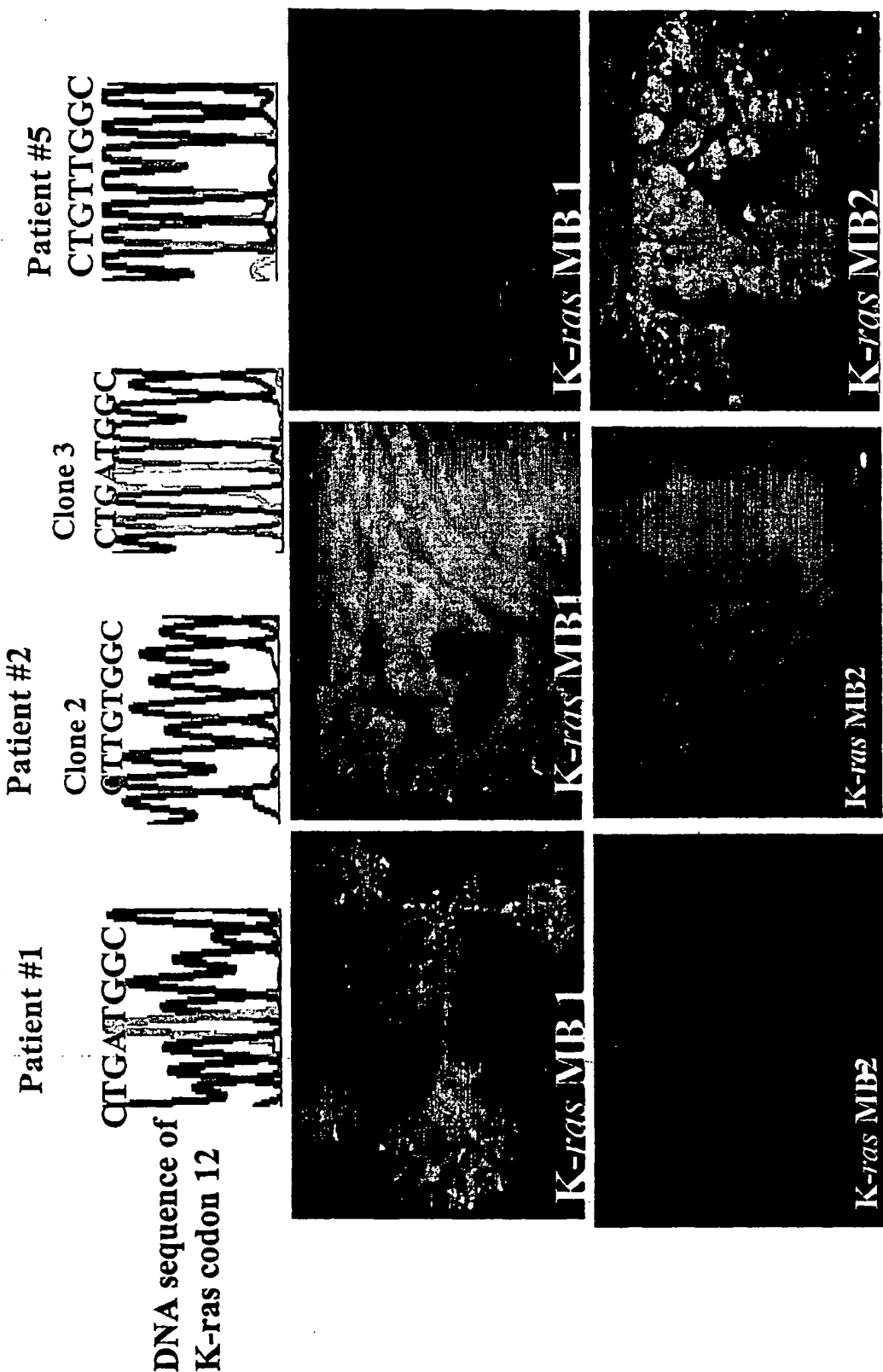


FIG. 6A

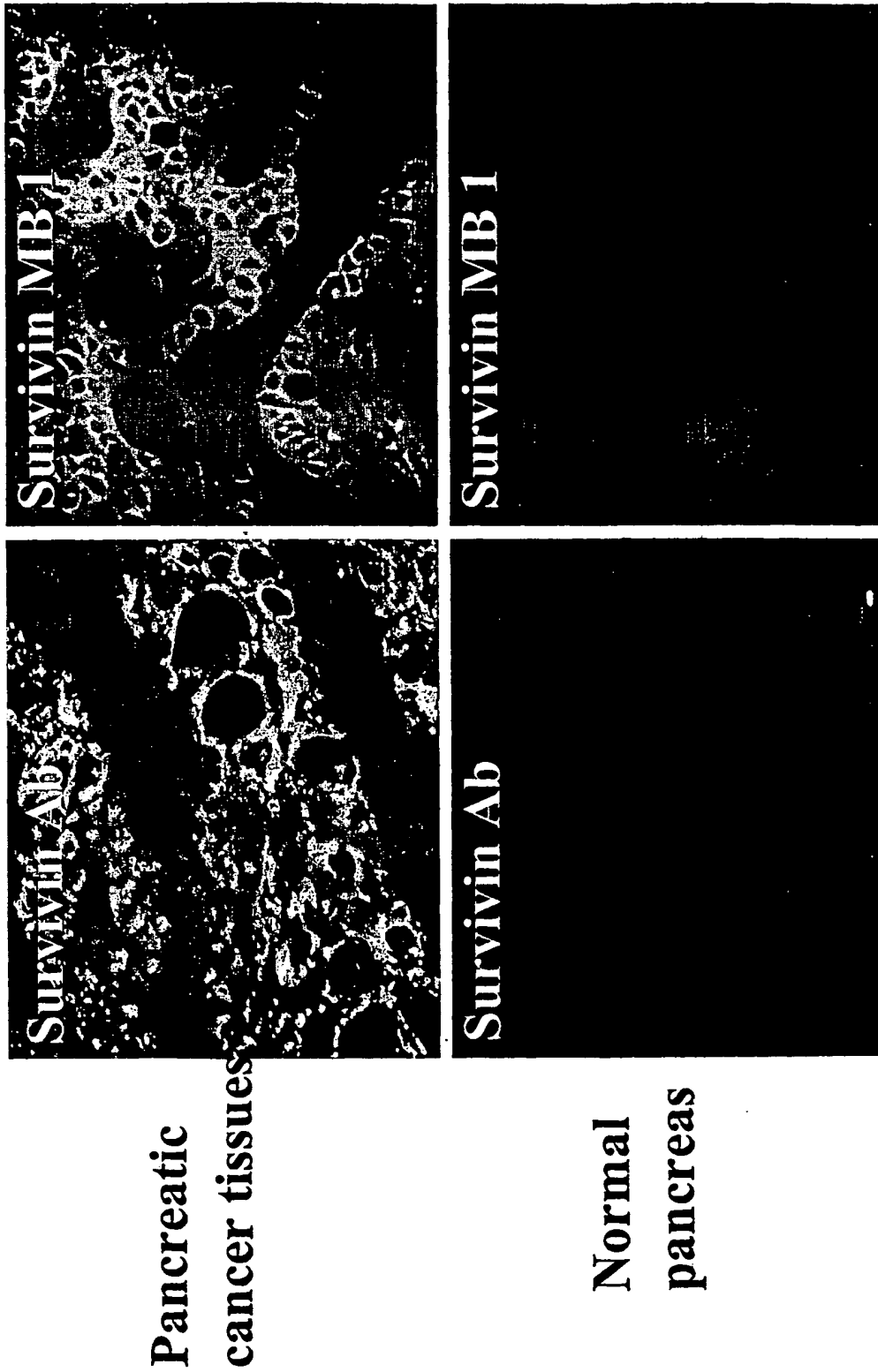


FIG. 6B

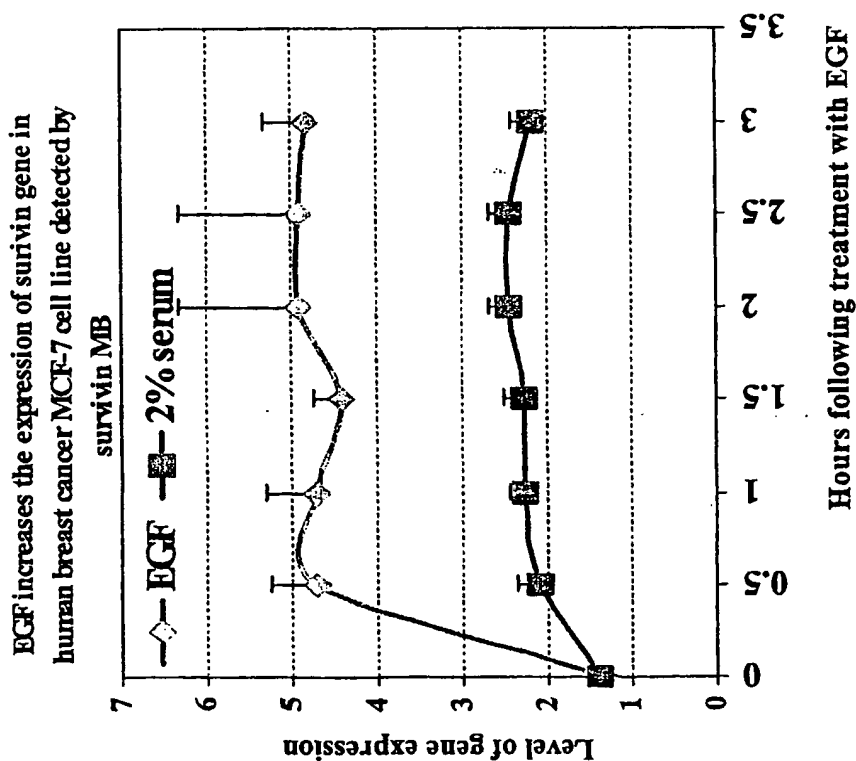
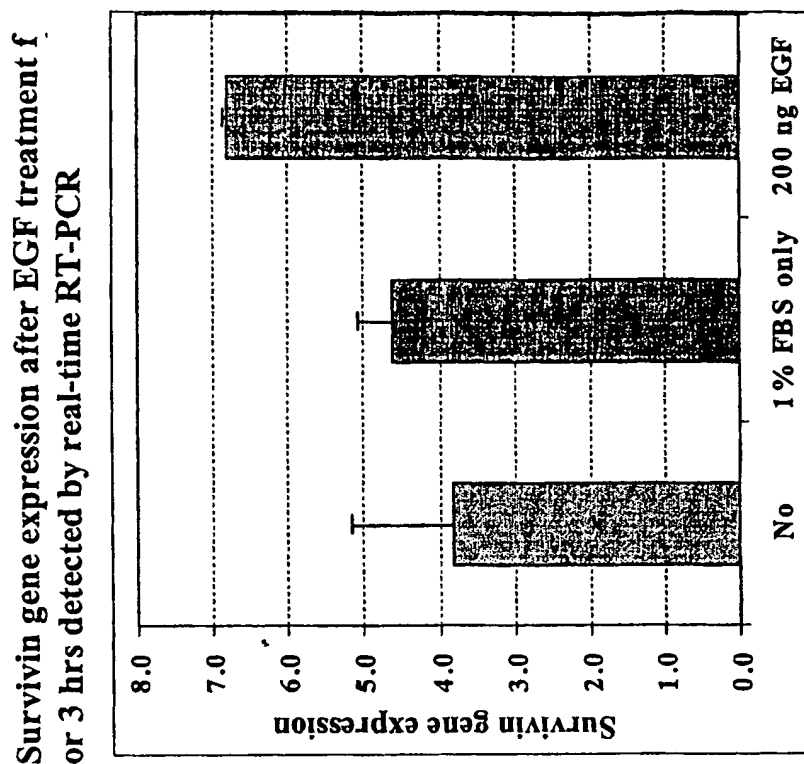


FIG. 7A

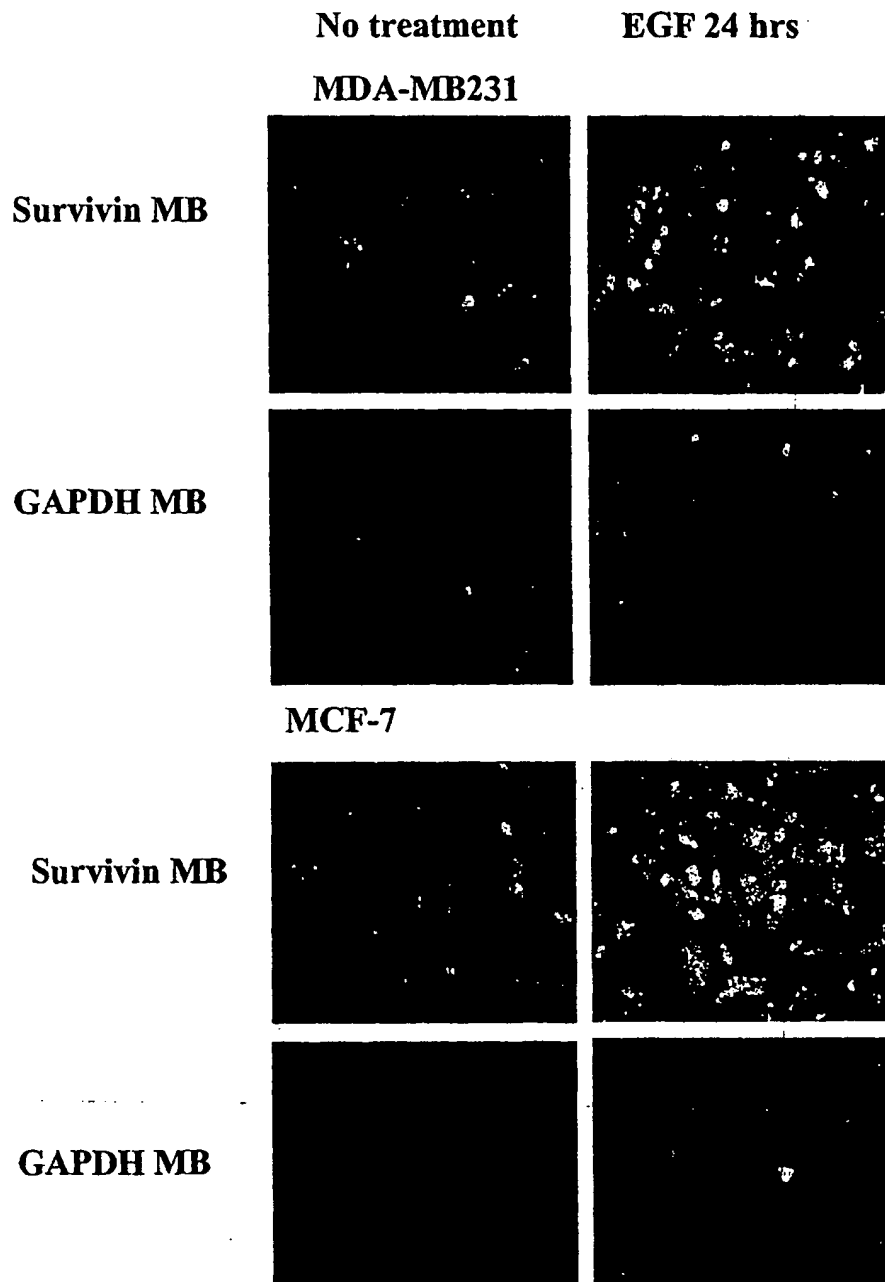
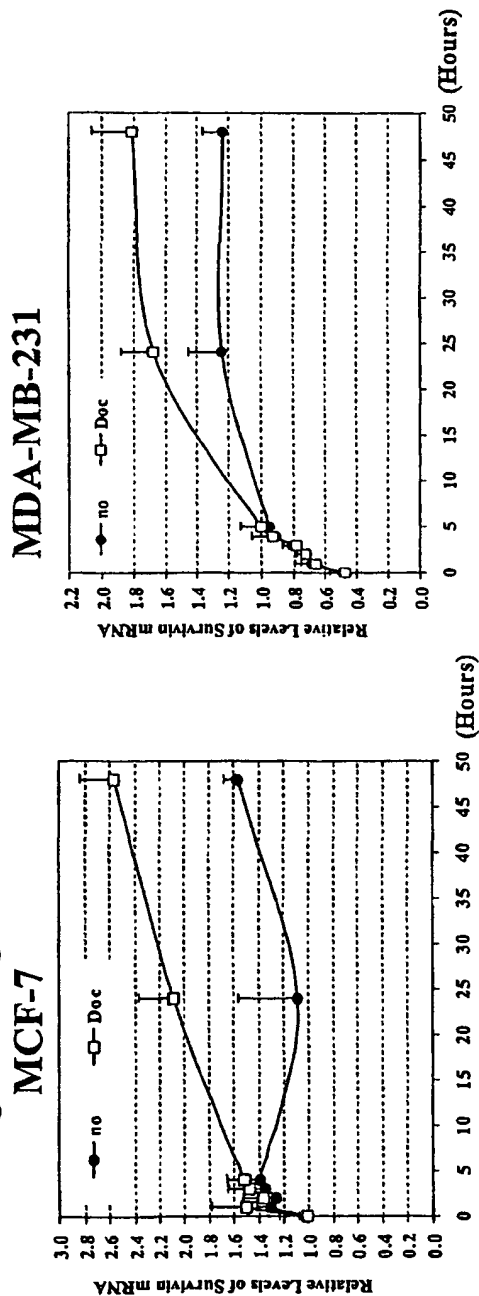


FIG. 7B

A. Real-time monitoring the changes of survivin mRNA levels after docetaxel treatment using survivin MB



B. Western blots detect survivin protein levels after docetaxel treatment

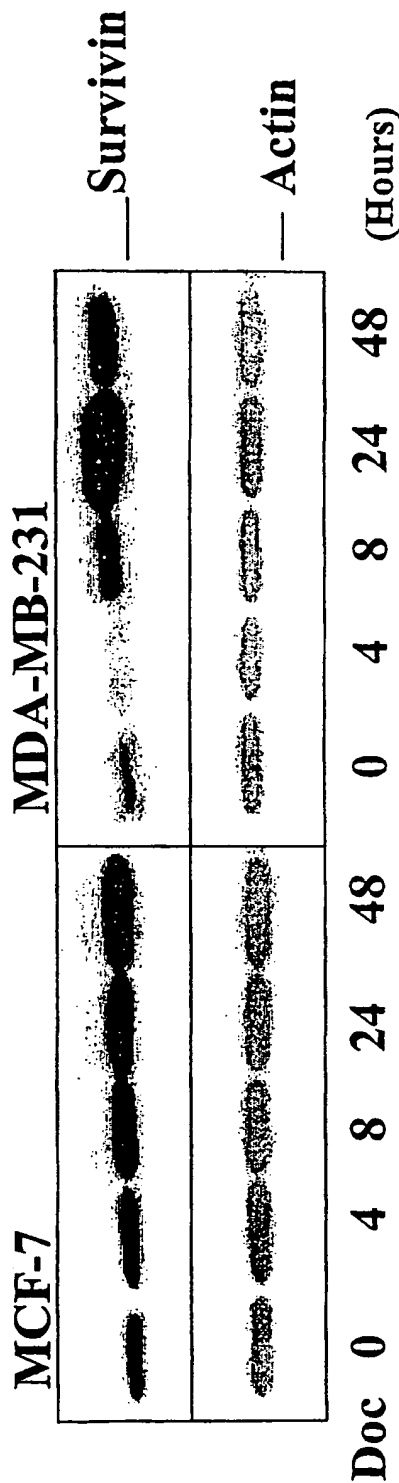


FIG. 8A

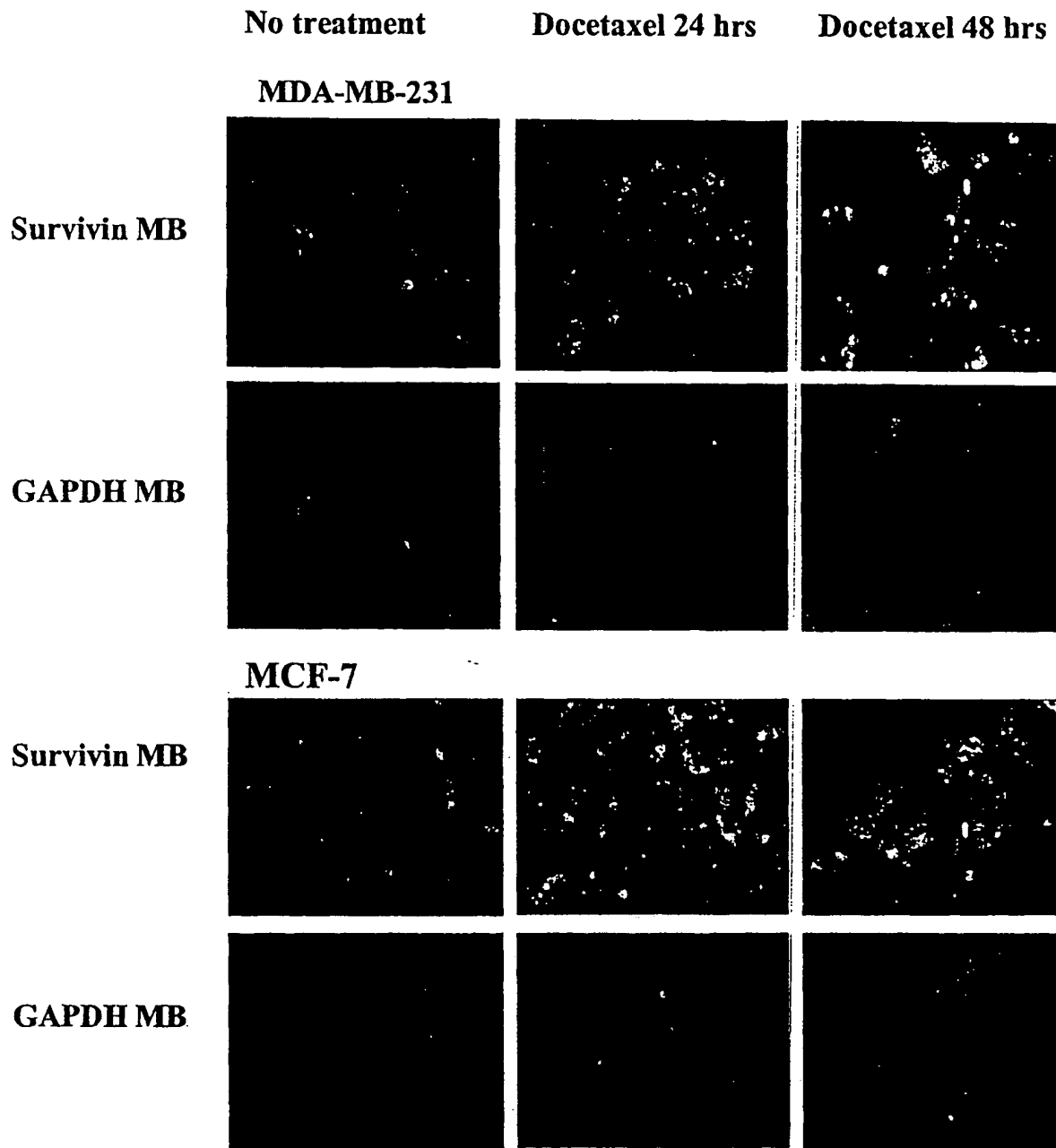


FIG. 8B

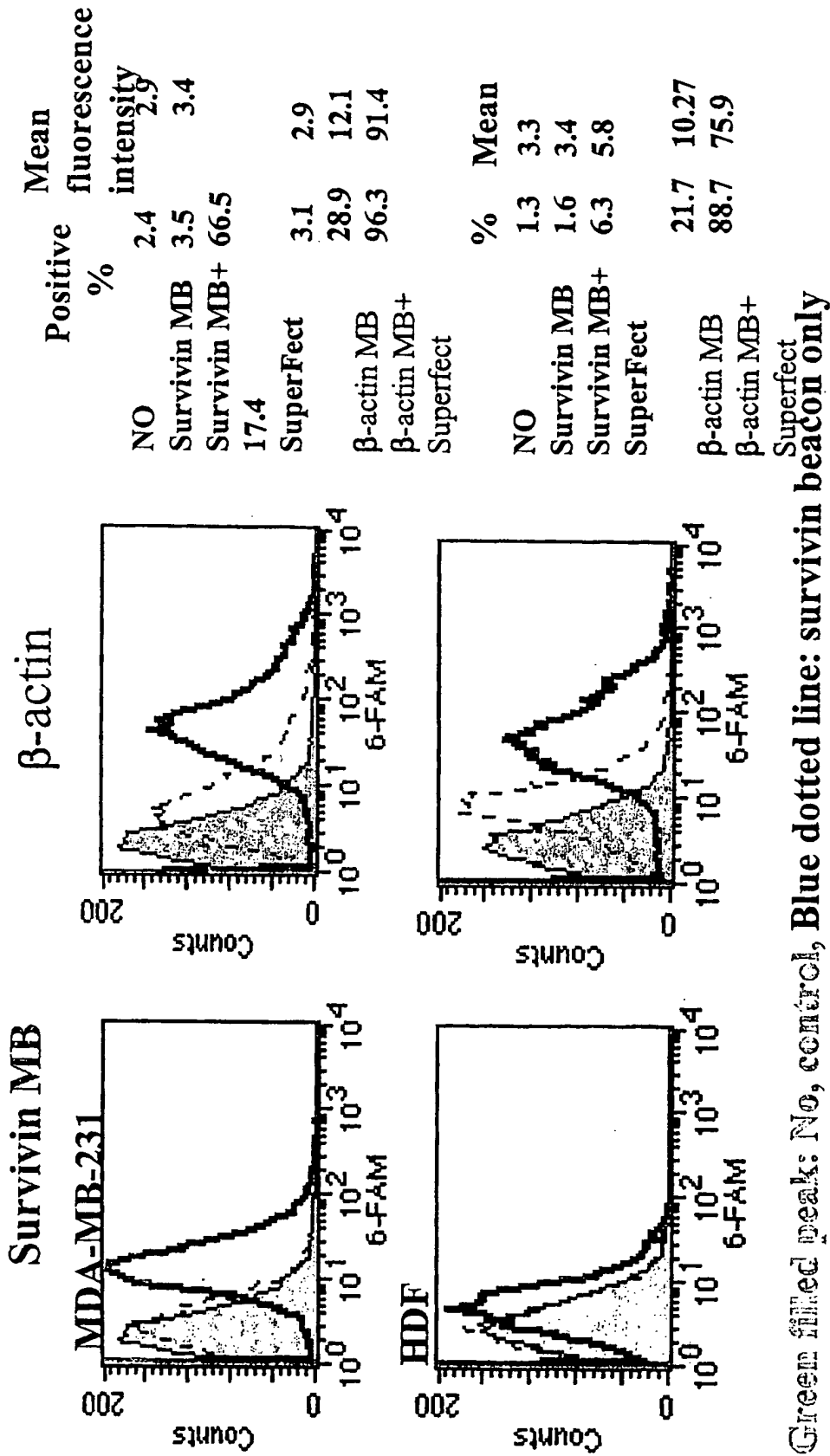
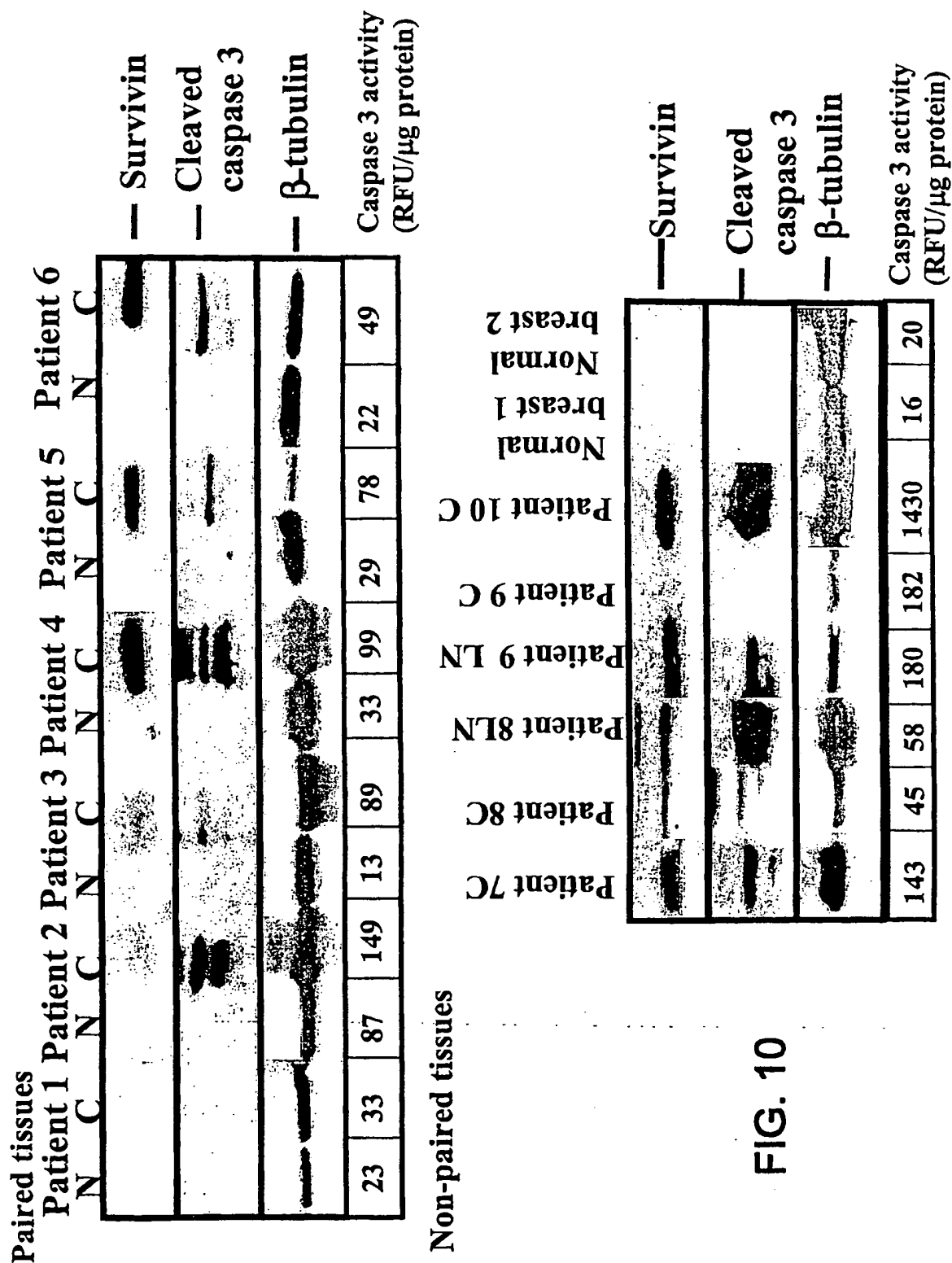


FIG. 9





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